

PATENT ABSTRACTS OF JAPAN

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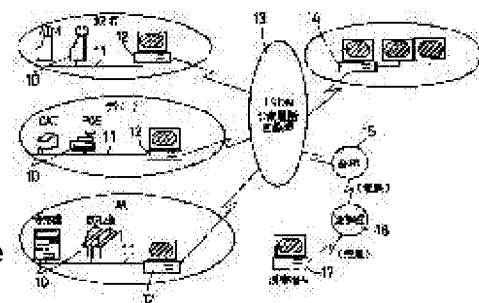
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(54) COMMUNICATION METHOD BETWEEN TERMINAL AND SUPERVISORY DEVICE

(57)Abstract:

PURPOSE: To reduce a communication cost while maintaining prescribed security by periodically making a call to a supervisory device by a terminal, judging the necessity and unnecessity of communication by the supervisory device and connecting a line.

CONSTITUTION: Respective terminal equipments 10 periodically prepare data in a determined format in an intrinsic time band and the data are periodically transmitted to the supervisory device 14 in the intrinsic time band. When the prescribed time comes, the terminal equipments 10 transmit the data through a LAN 11 to a line concentration device 12 and the line concentration device 12 makes the call from a telephone line communication control part 30 to the supervisory device 14. In the telephone processing of the line concentration device 12, call origination for the set stipulated number of times is executed and the communication is disconnected when the supervisory device 14 does not connect the line even when the call origination is performed for the stipulated number of times. Also, when the supervisory device 14 connects the line within the call origination for the stipulated number of times, the line concentration device 12 transfers the data from the terminal equipments 10. In the meantime, when the call is terminated in the telephone line communication control part 20, the supervisory device 14 judges the necessity of receiving the data from the terminal equipments 10.



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